



Figure S1. Gating strategy for flow cytometry analysis of natural phytoplankton communities. (a) Example cytogram that contains a mixture of Nanophytoplankton (red), Picophytoplankton (green) and *Synechococcus* (pink). Populations were identified based on their different chlorophyll and phycoerythrin content. (b) Calcified *E. huxleyi* was identified based on the high side scatter caused by the coccoliths that adorn the cells.